

# Claims

[c1] What is claimed is:

1. A multi-axis adjusting apparatus, comprising:

a base seat;

an adjusting seat, installed upon said base seat; and

a plurality of worm and worm gear sets, installed between said adjusting seat and said base seat, each worm and worm gear set comprising an adjusting rod and a bolt, said adjusting rod being pivoted at said adjusting seat, a worm being installed at one end thereof and a worm gear engaged with said worm being screwed on said bolt, a control piece being installed at the top end of said worm gear used to thrust said adjusting seat, one end of said bolt being fixed at said base seat.

[c2] 2. The apparatus according to claim 1, wherein another end of said bolt is projected through said adjusting seat, said projected end is covered with an elastic element and locked with a nut, and said elastic element is propped against said adjusting seat.

[c3] 3. The apparatus according to claim 1, wherein a rotation-resistant element is installed at one end of said adjusting rod.

- [c4] 4. The apparatus according to claim 1, wherein said adjusting rods are installed on a same end face.
- [c5] 5. The apparatus according to claim 1, wherein at least one sliding seat is installed on said adjusting seat, guiding slots and guiding pillars are disposed on said sliding seat, and an adjusting element is screwed at on side of said sliding seat.
- [c6] 6. The apparatus according to claim 5, wherein said adjusting elements and said adjusting rods are installed on a same end face.
- [c7] 7. The apparatus according to claim 1, wherein at least one rotating seat is installed on said adjusting seat, circular arc-guiding slots passed through each with a guiding pillar are installed on said rotating seat, and adjusting elements are screwed at one side of said rotating seat.
- [c8] 8. The apparatus according to claim 7, wherein said adjusting elements and said adjusting rods are on a same end face.